

As the applications of Power over Ethernet have expanded to home users from the IT industry. This Single-Port PoE Injector meets the requirements of both the IT industry and home users for high wattage output and easy installation. It is a wall-mountable single-port PoE injector with internal power supply in compact housing. Carrying both Ethernet data and power simultaneously, It helps users to utilize just one Ethernet cable to easily install and deploy IP camera, wireless AP or VoIP phone networking in environments where power outlet is hard to find.

**Feature****PoE function**

Remote power feeding up to 100m

Supports PoE Power up to 48W for PoE port

IEEE 802.3at Power over Ethernet Plus compliant

Backward compatible with IEEE 802.3af Power over Ethernet

Auto-detection of PoE IEEE 802.3at/af devices from being damaged by incorrect installation

Circuit protection prevents power interference between ports

Circuit Shorting Protection Supported

Energy conservation, and low radiation

The POE Injectors uses an energy-saving integrated circuit design to ensure even heat dissipation. Idle ports can enter a sleep mode to further reduce power consumption.

Radiation produced by the POE Injectors is within the standard range for electric appliances and causes no harm to the human body.

Easy deployment and maintenance free

With concepts of "Easy to install", "Plug and Play" and "Simple troubleshooting" for business and home users, the POE Injectors is an all-in-one designed single-port PoE injector with internal power supply. In the compact size housing, the POE Injectors provides one 100-240V AC input socket on its front panel and two RJ-45 ports (PoE port and LAN port) on the rear panel. Simply plug in the Ethernet cables and power cord, and

the POE Injectors is ready to provide high speed network communication and high power PoE injector functions simultaneously with no need of software configuration. The POE Injectors frees the security IP camera and wireless AP deployment from restrictions of power outlet locations and the additional AC wiring. It thus reduces cables and eliminates the need for electrical outlets on the wall, ceiling or any unreachable place, and most of all, it reduces installation time.

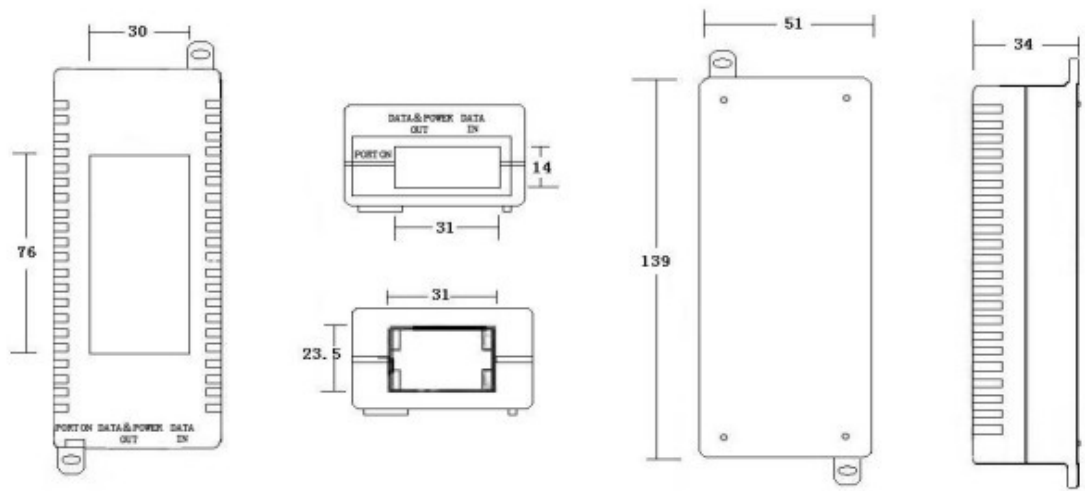
Specification

Items	20124087
"Data" Input Port:	1*10/100/1000/2500M RJ45
"PoE (Data+Power)" Output Port	1*10/100/1000/2500M RJ45
AC Input Power Socket	1
PoE Standards	IEEE 802.3af/at
Power Pin Assignment	1245+ 3678-
PoE Power Output	48-56V DC 0.86A
Operating environment	Operating temperature: 0°C–50°C
	Relative humidity: 5%–95% (non-condensing)
Dimensions	L170*W57*H40mm
Weight	240g (Power cable and Box not include)
Input Voltage	AC:100~240V/50~60Hz Max 1A
Surge Protection	AC port: 4kV
	RJ45 port: 2kV

Software specification

Items	20124087
Standards	IEEE 802.3af,Power Over Ethernet
	IEEE 802.3at,Power Over Ethernet Plus
	IEEE 802.3,10BASE-T
	IEEE 802.3u,100 BASE-TX
	IEEE 802.3ab,1000 BASE-T
	IEEE 802.3bz, 2.5G BASE-T
Auto-MDI/MDI-X	Supported
Auto-Negotiation	Supported
Transmission Media	10Base T: Cat. 3, 4, 5 UTP/STP
	100Base TX: Cat. 5, 5e UTP/STP
	1000Base T/2,5G BASE-T: Cat. 5e, 6, 7 UTP/STP

Product size



Certification:

CE-EMC CE-LVD; FCC; RoHS; REACH